

# INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

Docket Number (optional)

41890-01626

Application Number

10/723,424

Applicant(s)

Hampden-Smith et al.

Filing Date

November 26, 2003

Group Art Unit

1754

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	1.	3,516,808	03/23/70	Curren et al.			
	2.	3,865,924	02/11/75	Gidaspow et al.	423	230	
	3.	4,231,760	11/04/80	Lancot et al.	48	197 R	
	4.	4,316,813	02/23/82	Voss	252	189	
	5.	4,330,430	05/18/82	Lancot et al.	252	420	
	6.	4,775,396	10/04/88	Rastelli et al.	55	58	
	7.	3,516,888	03/07/89	Zimmer et al.	55	68	
	8.	5,079,209	01/07/92	Nalotte et al.	502	412	
	9.	5,091,358	02/25/92	Birbaun et al.	502	412	
	10.	5,186,727	02/16/93	Cheng	55	35	
	11.	5,214,019	05/25/93	Nalotte et al.	502	109	

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REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

47.	Agnihotri et al.; Influence of Surface Modifiers on the Structure of Precipitated Calcium Carbonate; Ind. Eng. Chem. Res., 1999, 38, 2283-2291.
48.	Balasubramanian et al.; Hydrogen From Methane In A Single-Step Process; Chemical Engineering Science 54 (1999) 3543-3552.

EXAMINER	DATE CONSIDERED
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	12.	5,427,751	06/27/95	Nalotte et al.	423	230	
	13.	5,454,968	10/03/95	Nalotte et al.	252	192	
	14.	5,520,894	05/28/96	Hocink et al.	423	230	
	15.	5,595,949	01/21/97	Goldstein et al.	502	20	
	16.	5,653,955	08/05/97	Wheelock	428	638	
	17.	5,769,909	06/23/98	Bonk et al.	423	127.9	
	18.	6,083,862	07/04/00	Wheelock	502	41	
	19.	6,103,143	08/15/00	Sircar et al.	252	373	
	20.	6,103,393	08/15/00	Kodas et al.	428	570	
	21.	6,083,862	09/05/00	Jain et al.	423	219	
	22.	6,180,029	01/30/01	Hampden-Smith et al.	252	301.4 R	

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## **OTHER DOCUMENTS** *(Including Author, Title, Date, Pertinent Pages, Etc.)*

49.	Lin et al.; Hydrogen Production From Coal By Separating Carbon Dioxide During Gasification; Fuel 81 (2002) 2079-2085.
50.	Ortiz et al.; Hydrogen Production Using Sorption-Enhanced Reaction; Ind. Eng. Chem. Res. 2001, 40, 5102-5109.

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	23.	6,228,150	05/08/01	Armstrong, et al.	95	400	
	24.	6,271,172	08/07/01	Ohishi et al.	502	400	
	25.	6,280,503	08/28/01	Miyoga et al.	95	95	
	26.	6,303,092	10/16/01	Ansari et al.	423	418.2	
	27.	6,312,658	11/06/01	Huison et al.	423	418.2	
	28.	6,338,809	01/15/02	Hampden-Smith et al.	264	7	
	29.	6,379,430	04/30/02	Monerou	95	95	
	30.	6,387,337	05/14/02	Pennline et al.	423	220	
	31.	6,387,845	05/14/02	Maashiro et al.	502	400	
	32.	6,428,685	08/06/02	Khare	208	208 R	
	33.	6,479,429	11/12/02	Khare	502	414	

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## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

51.	van der Ham et al.; Proposal For A Regenerative High-Temperature Process For Coal Gas Cleanup With Calcined Limestone; Ind. Eng. Chem Res.; 1996, 35, 1487-1495.

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	34.	6,565,627	05/20/03	Golden et al.	95	96	
	35.	6,589,493	07/08/03	Hosaka et al.	423	230	
	36.	6,660,680	12/09/03	Hampden-Smith et al.	502	180	
	37.	6,682,838	01/27/04	Stevens	429	17	
	38.	6,753,108	06/22/04	Hampden-Smith et al.	429	44	
	39.	6,967,183	11/22/05	Hampden-Smith et al.	502	158	
	40.	2002/0056686	05/16/02	Kyrtidis et al.	280	198	
	41.	2002/0083967	07/04/02	Yokota	422	198	
	42.	2002/0088740	07/11/02	Krasso et al.	208	46	
	43.	2002/0090334	07/11/02	Stevens et al.	423	247	
	44.	2003/0103880	06/05/03	Bunk et al.	422	247	

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